

FIG. 1

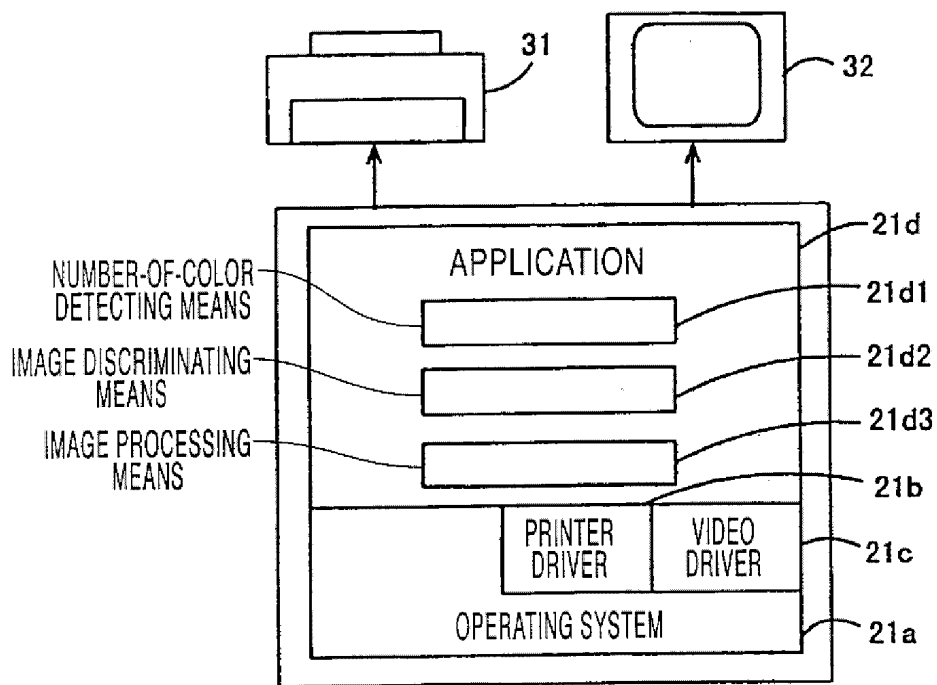


FIG. 2

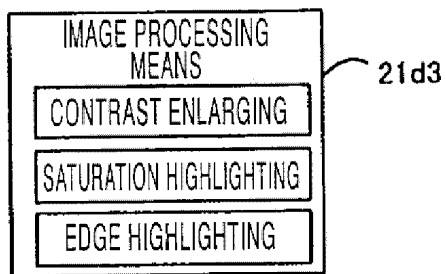


FIG. 3

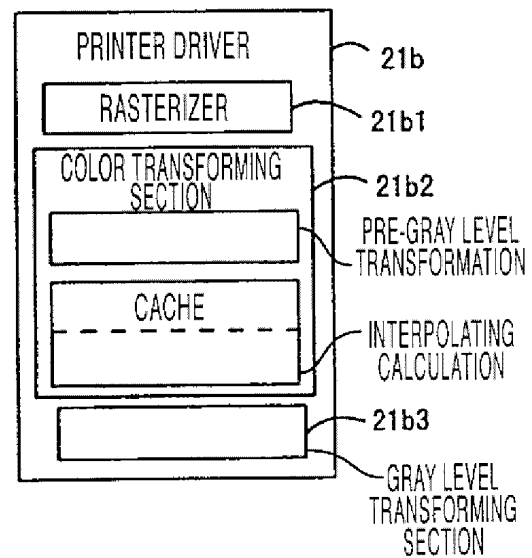


FIG. 4

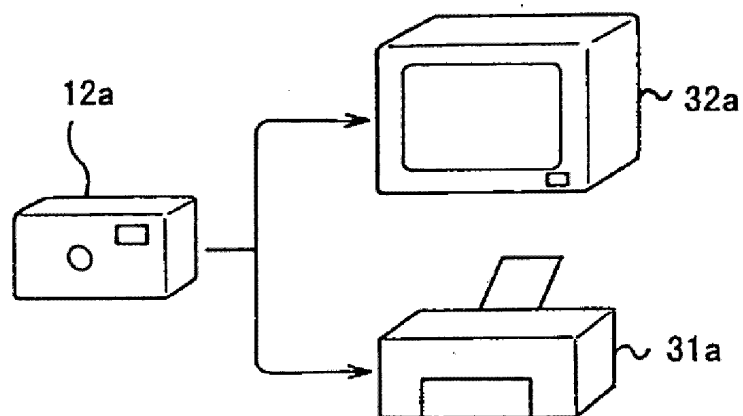


FIG. 5

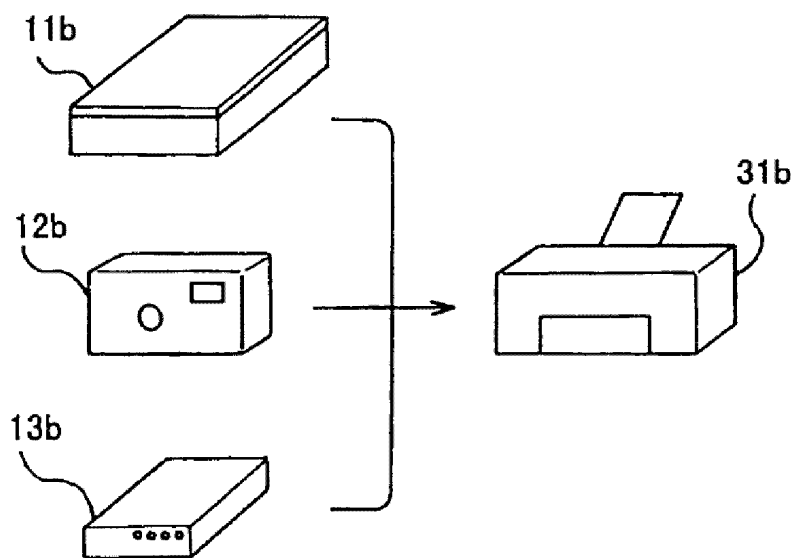


FIG. 6

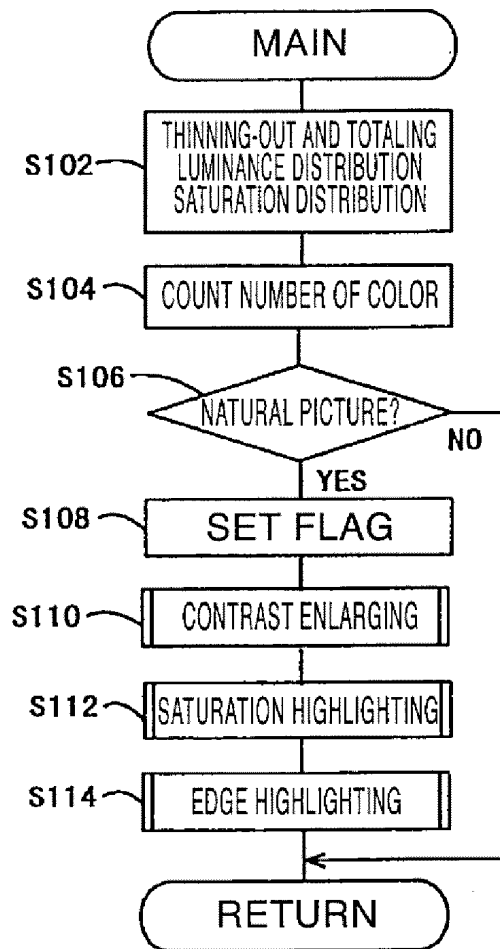


FIG. 7

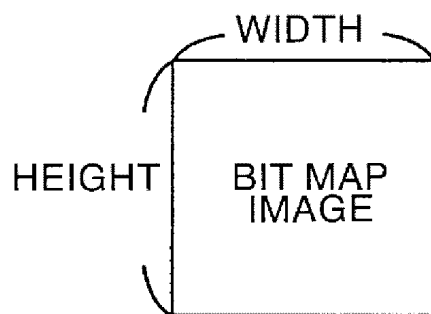


FIG. 8

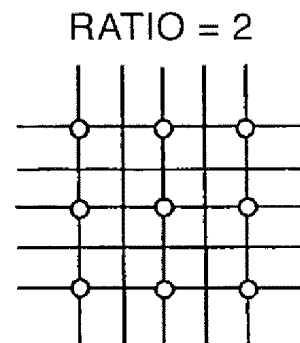
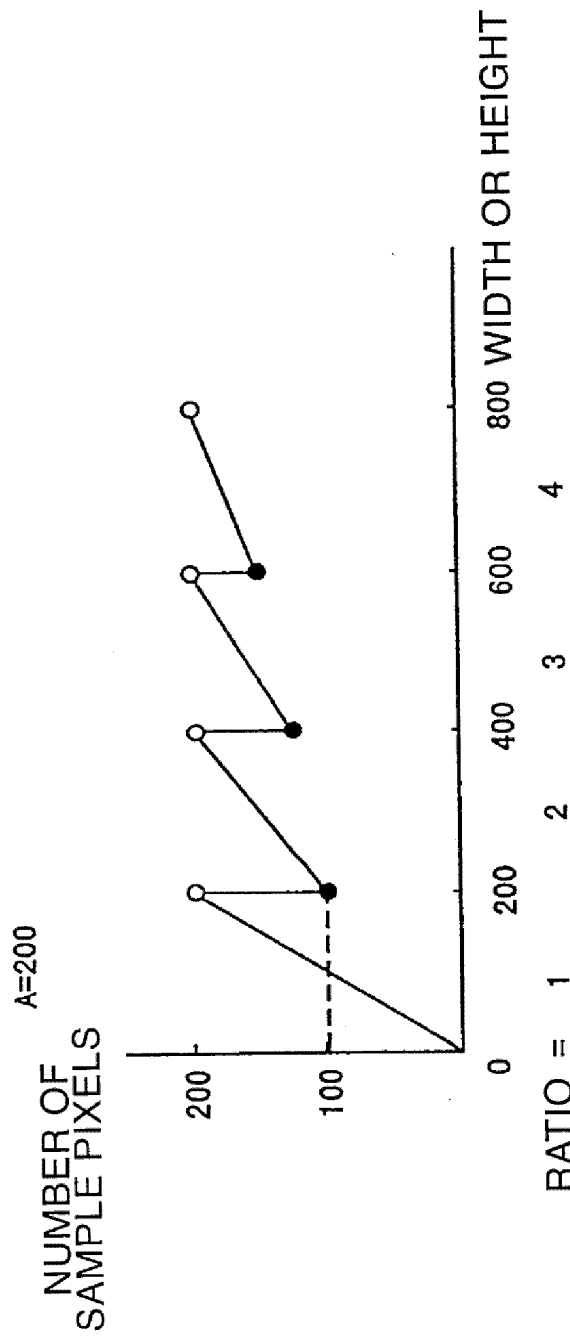


FIG. 9



RATIO = $\frac{1}{2}$

DOES NOT
MAKE
SAMPLING

FIG. 10

FIG. 11(a)



FIG. 11(b)

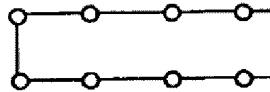


FIG. 11(c)

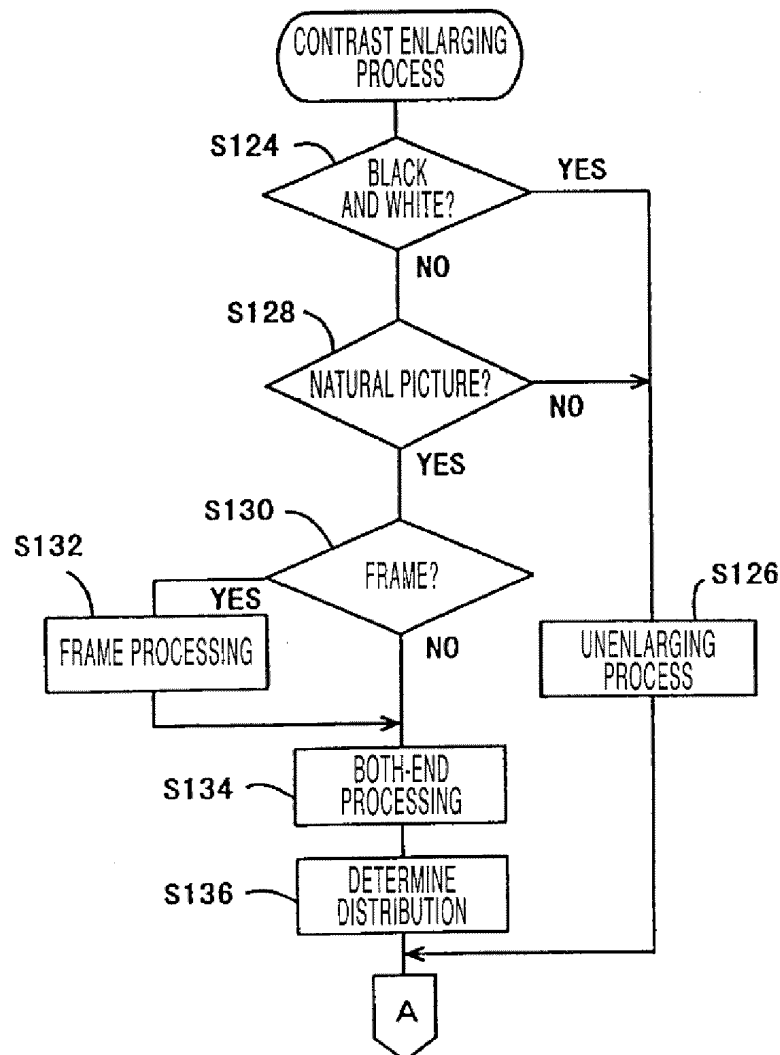
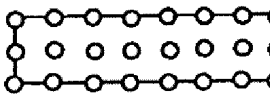


FIG. 12

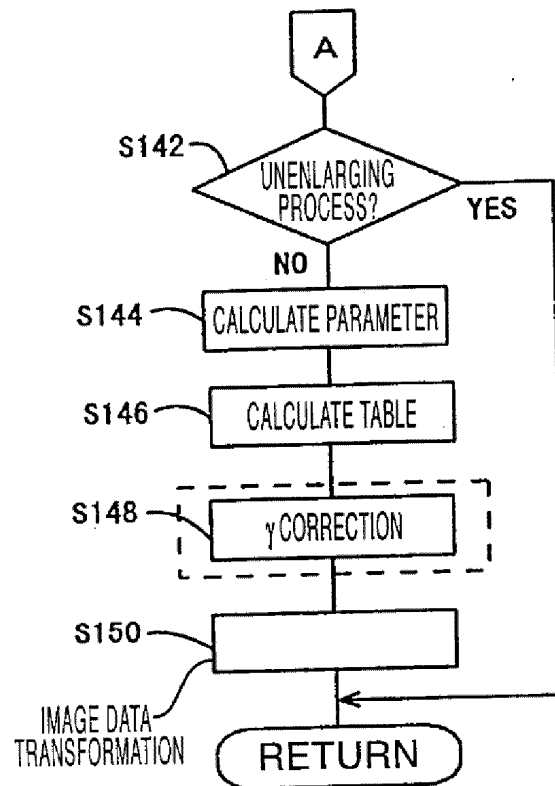


FIG. 13

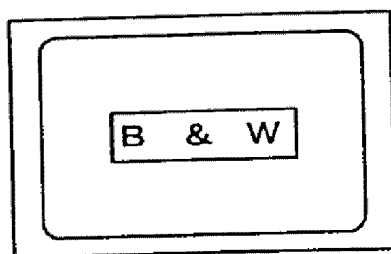


FIG. 14

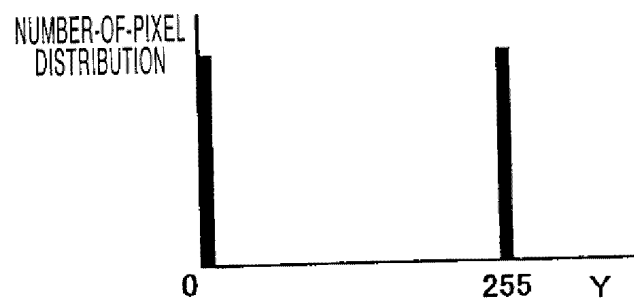
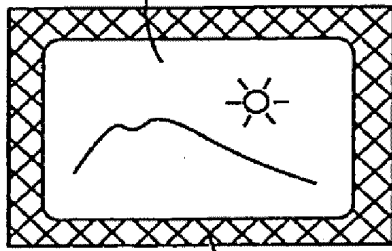


FIG. 15

NATURAL PICTURE



BLACK OR WHITE FRAME

FIG. 16

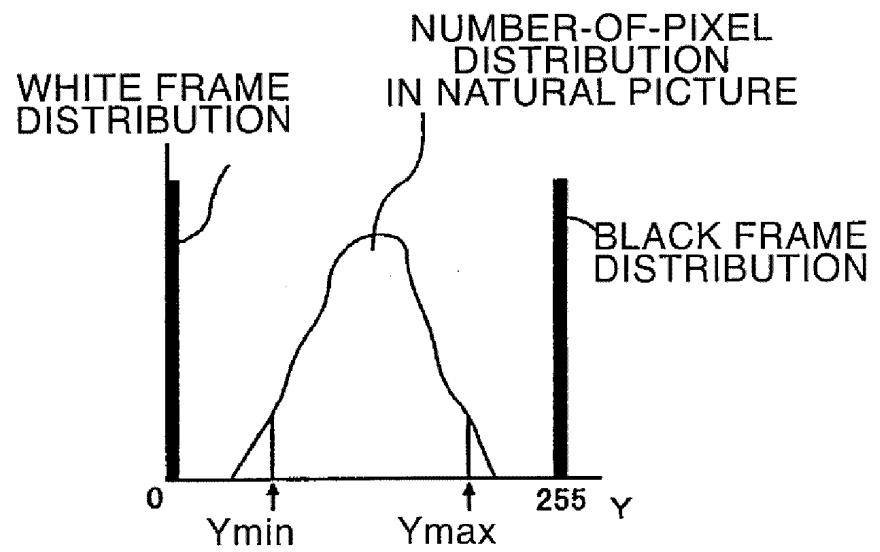


FIG. 17

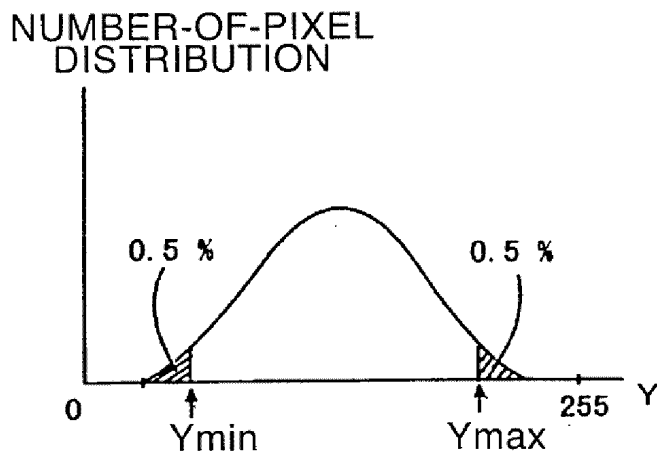


FIG. 18

NUMBER-OF-PIXEL
DISTRIBUTION

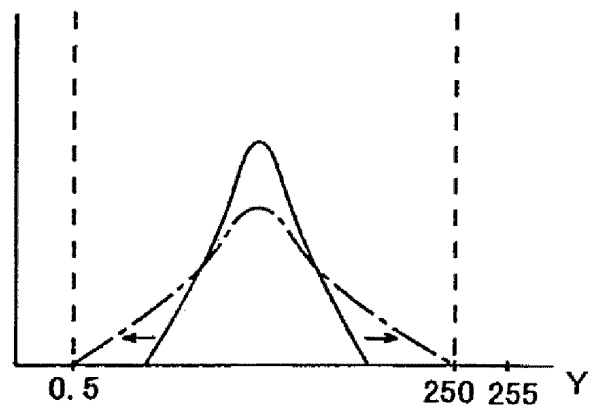
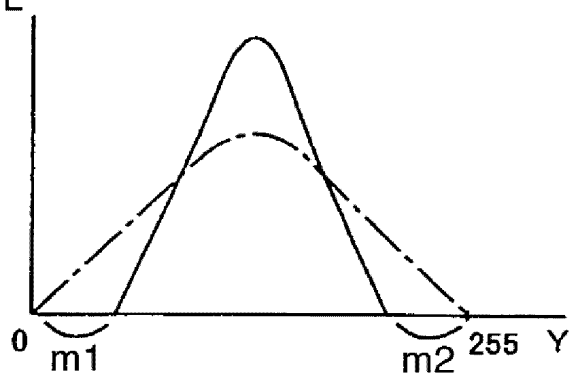


FIG. 19

NUMBER-OF-PIXEL
DISTRIBUTION

ORIGINAL

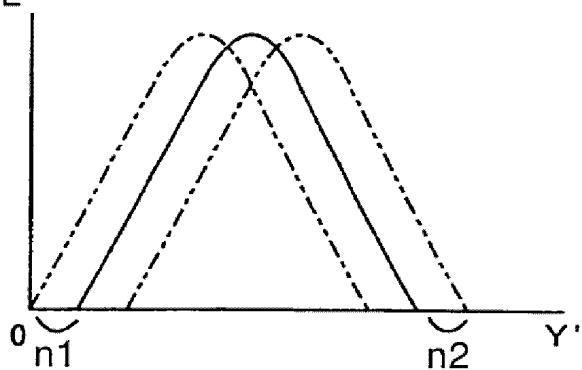
FIG. 20(a)



NUMBER-OF-PIXEL
DISTRIBUTION

AFTER CONTRAST
HIGHLIGHTING

FIG. 20(b)



y	Y
⋮	⋮

FIG. 21

NUMBER-OF-PIXEL
DISTRIBUTION

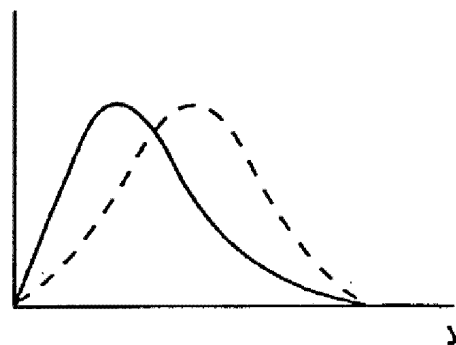


FIG. 22

NUMBER-OF-PIXEL
DISTRIBUTION

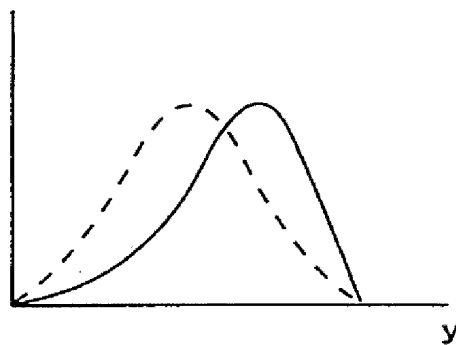


FIG. 23

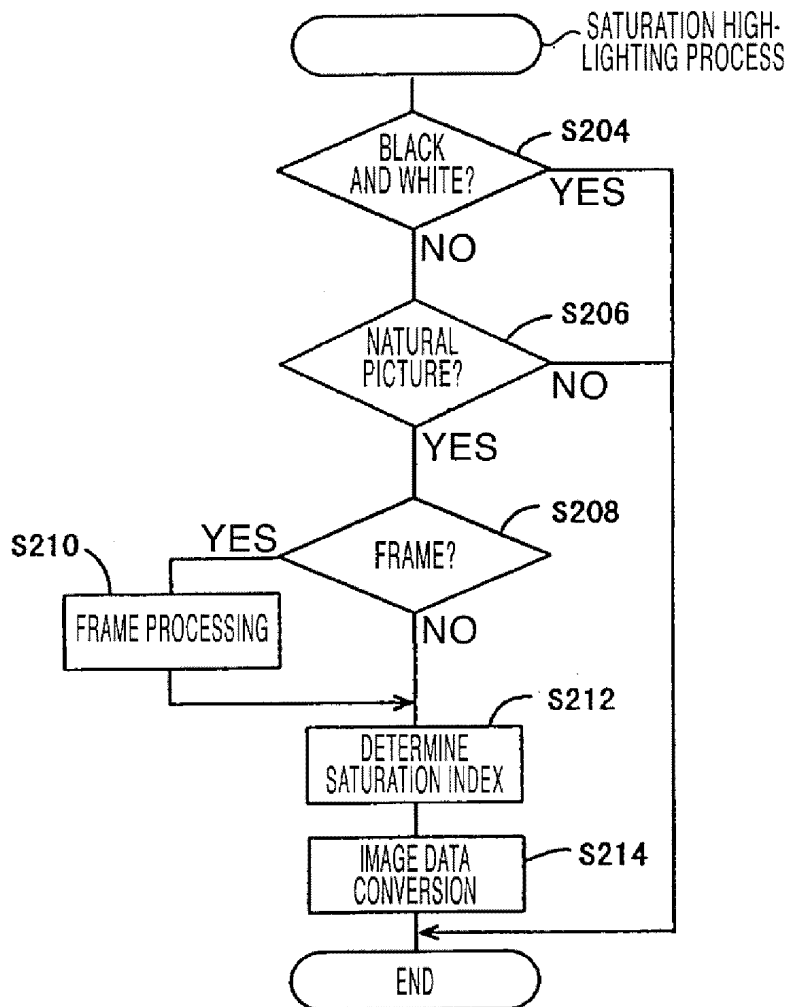


FIG. 25

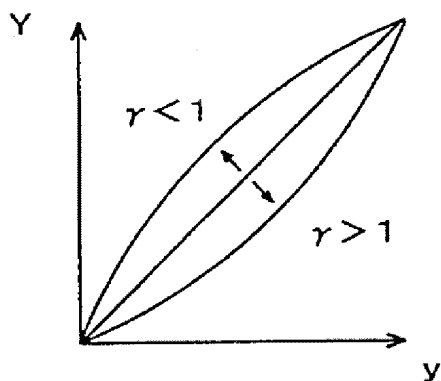


FIG. 24

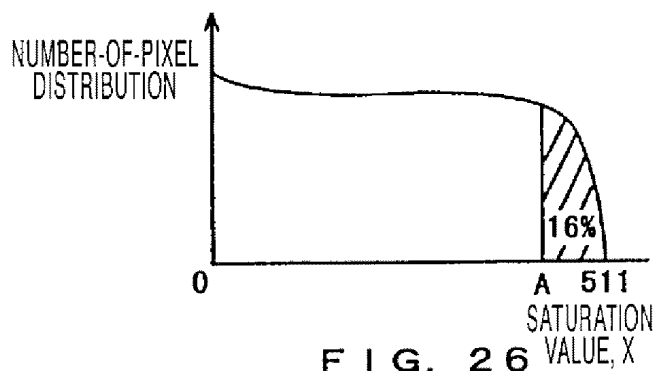


FIG. 26

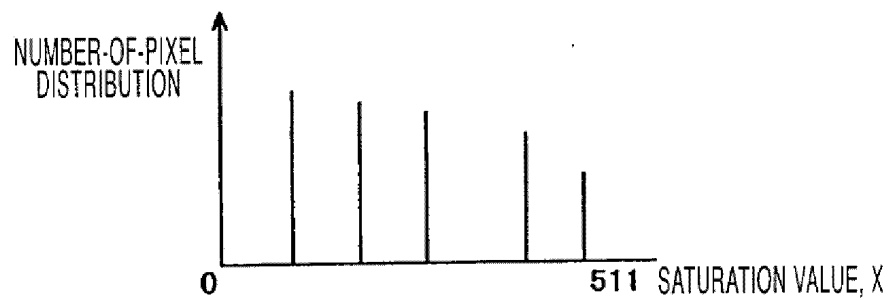


FIG. 27

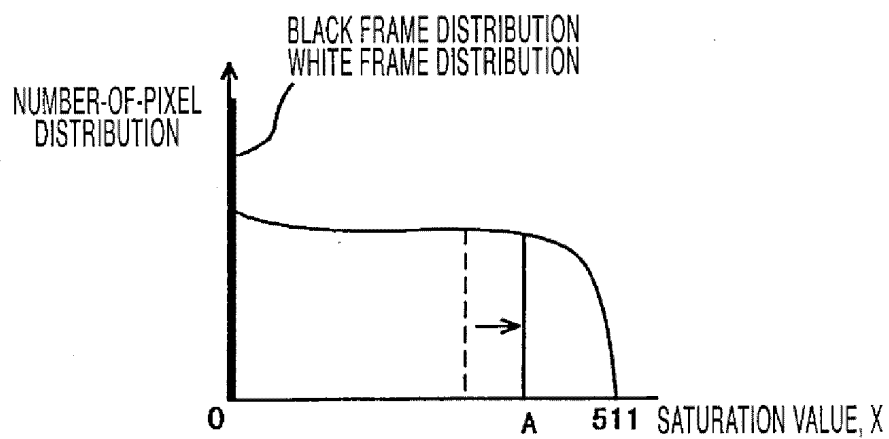


FIG. 28

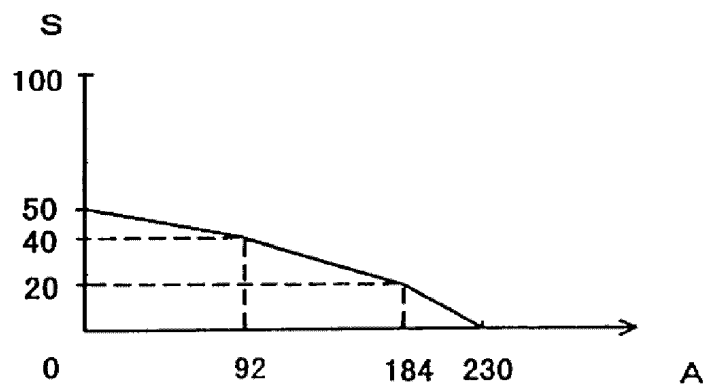


FIG. 29

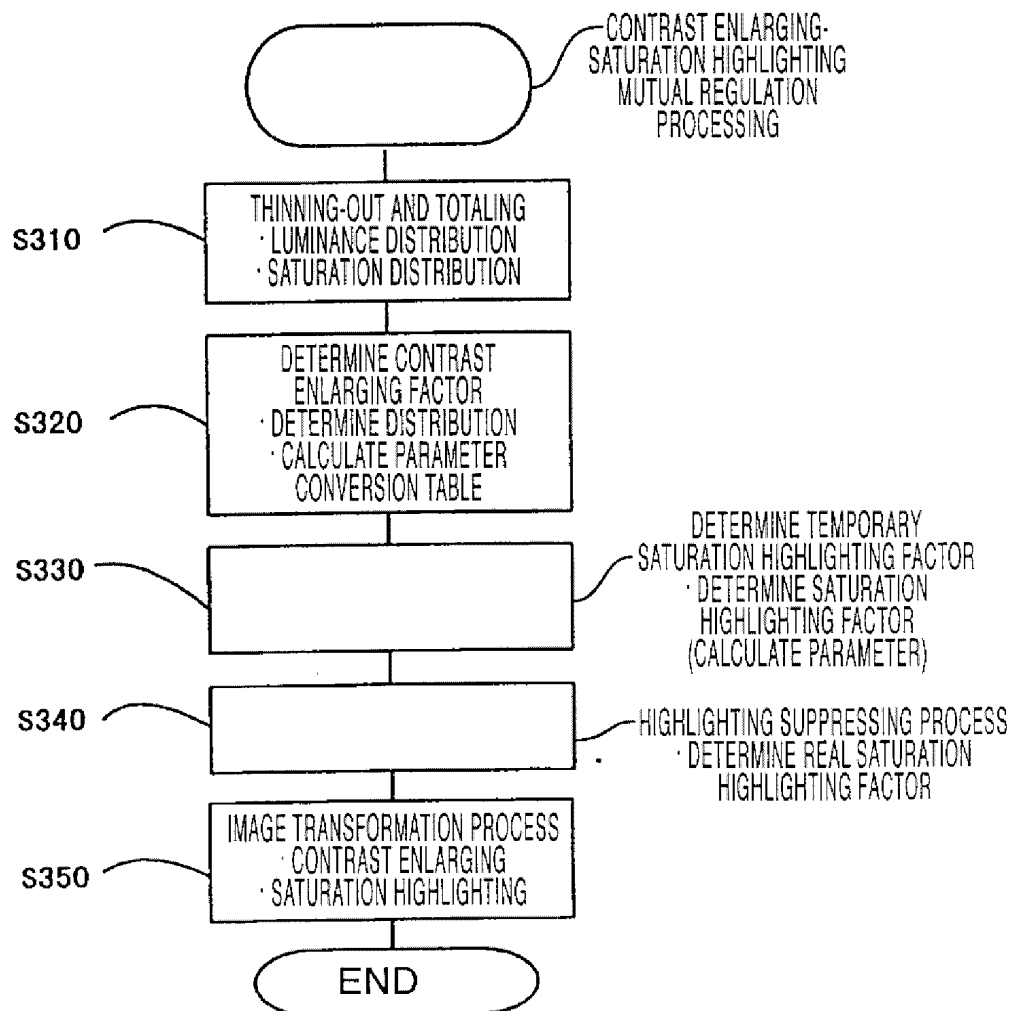
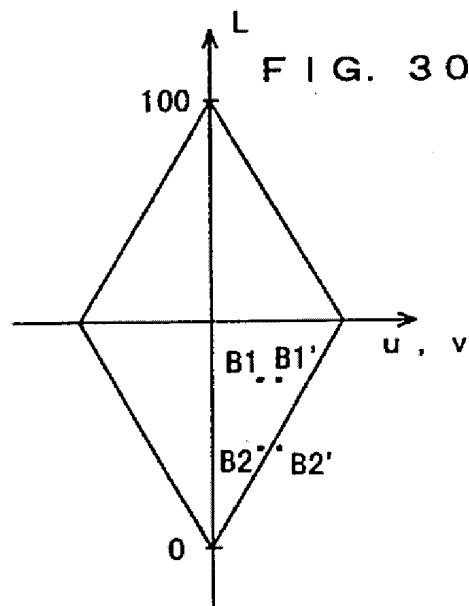


FIG. 31

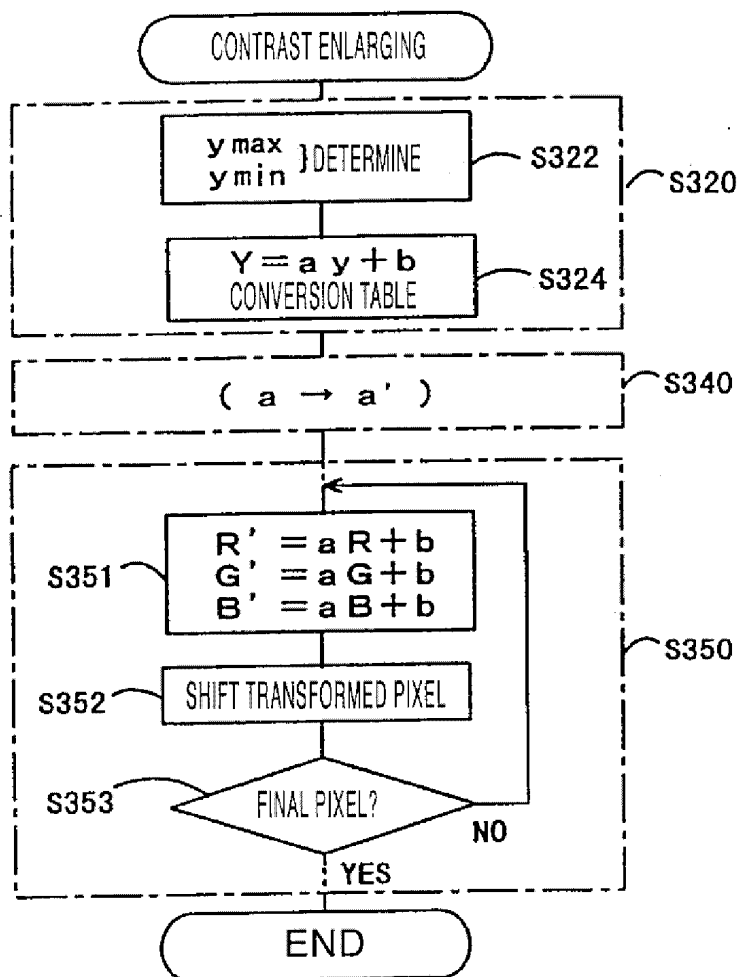


FIG. 32

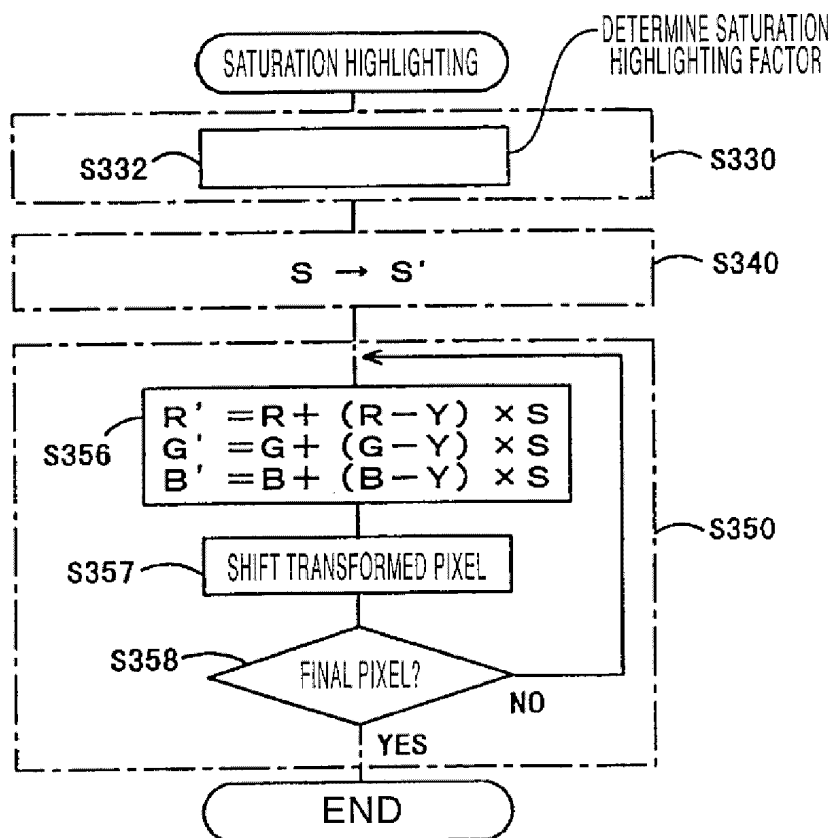


FIG. 33

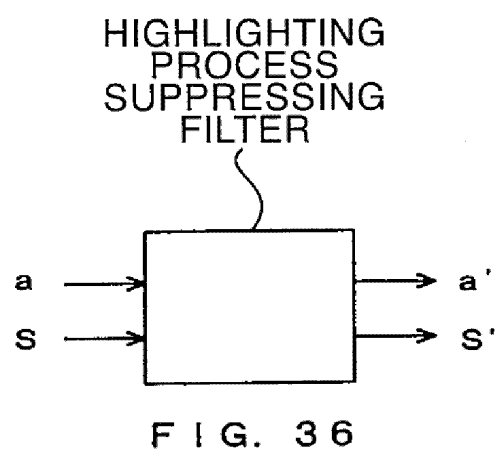
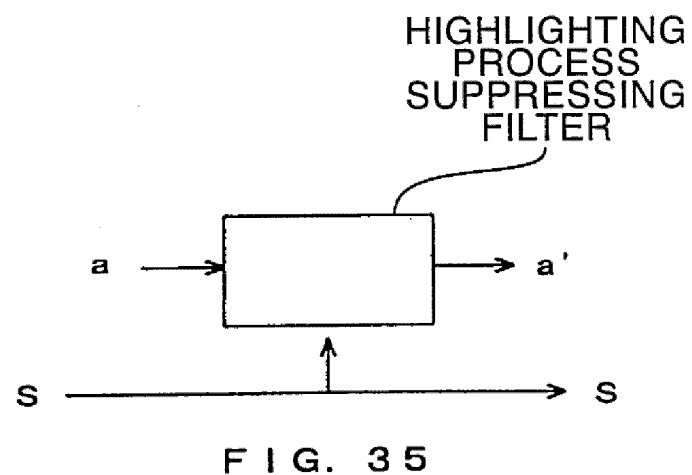
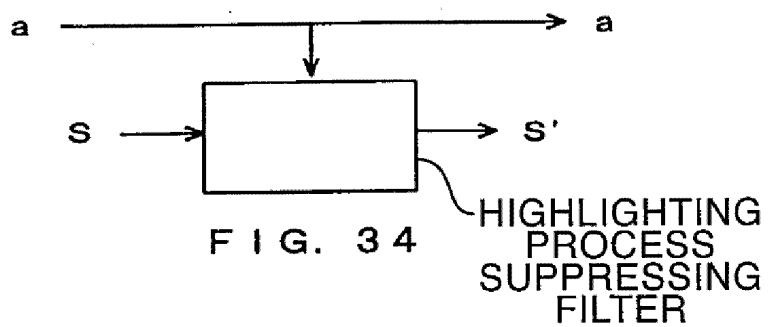


FIG. 38(A)

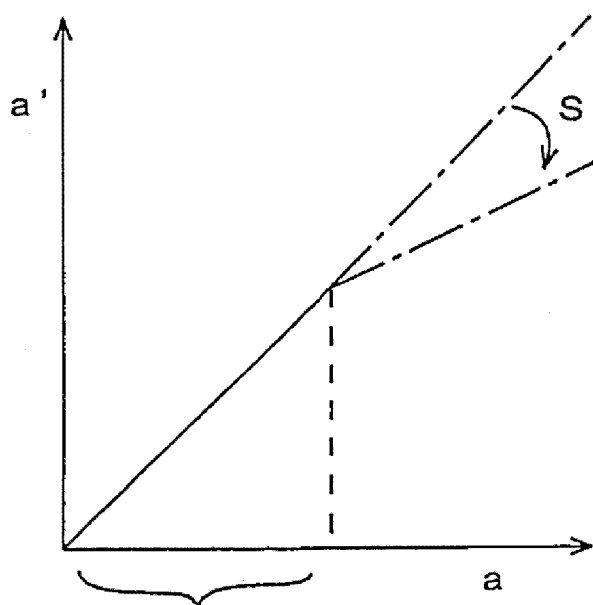
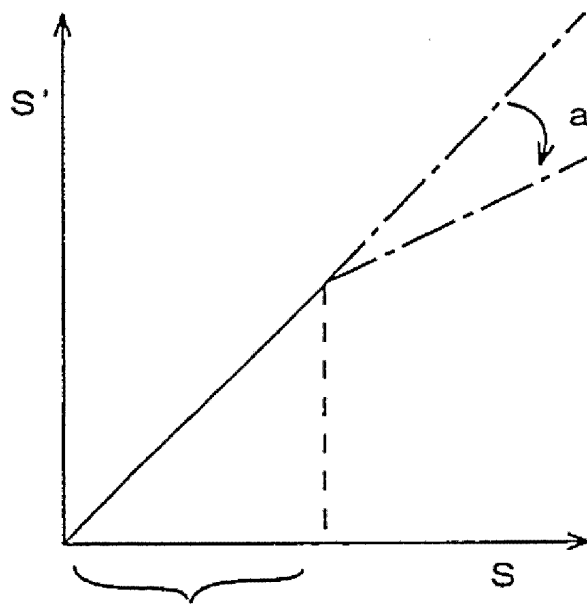


FIG. 38 (B)



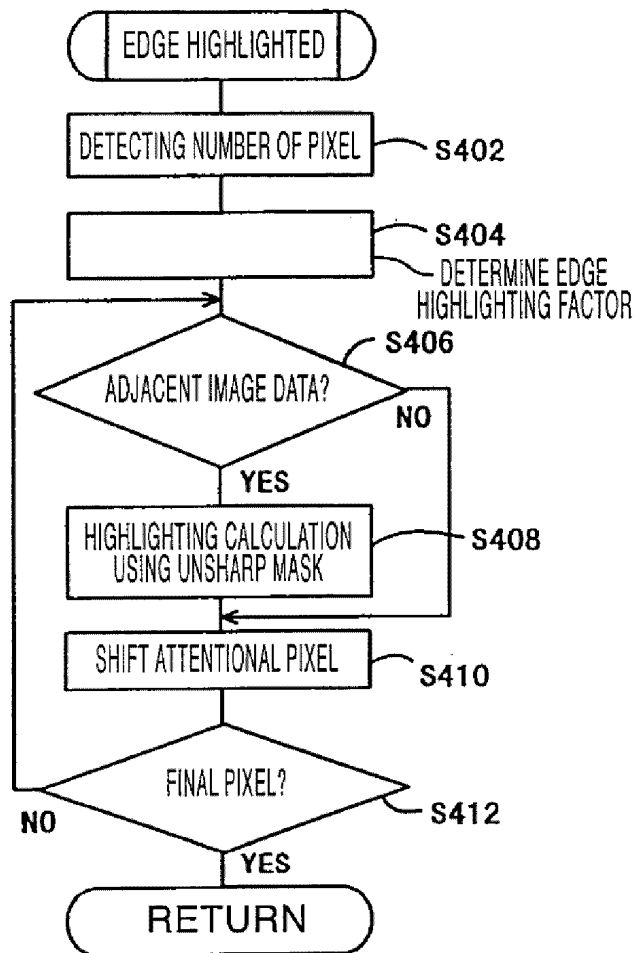


FIG. 39

7×7

0	0	1	1	1	0	0
0	2	8	14	8	2	0
1	8	37	61	37	8	1
1	14	61	100	61	14	1
1	8	37	61	37	8	1
0	2	8	14	8	2	0
0	0	1	1	1	0	0

40

FIG. 40

632

5×5

2	8	14	8	2
8	37	61	37	8
14	61	100	61	14
8	37	61	37	8
2	8	14	8	2

41

FIG. 41

6	7	8
5	 	1
4	3	2

FIG. 42

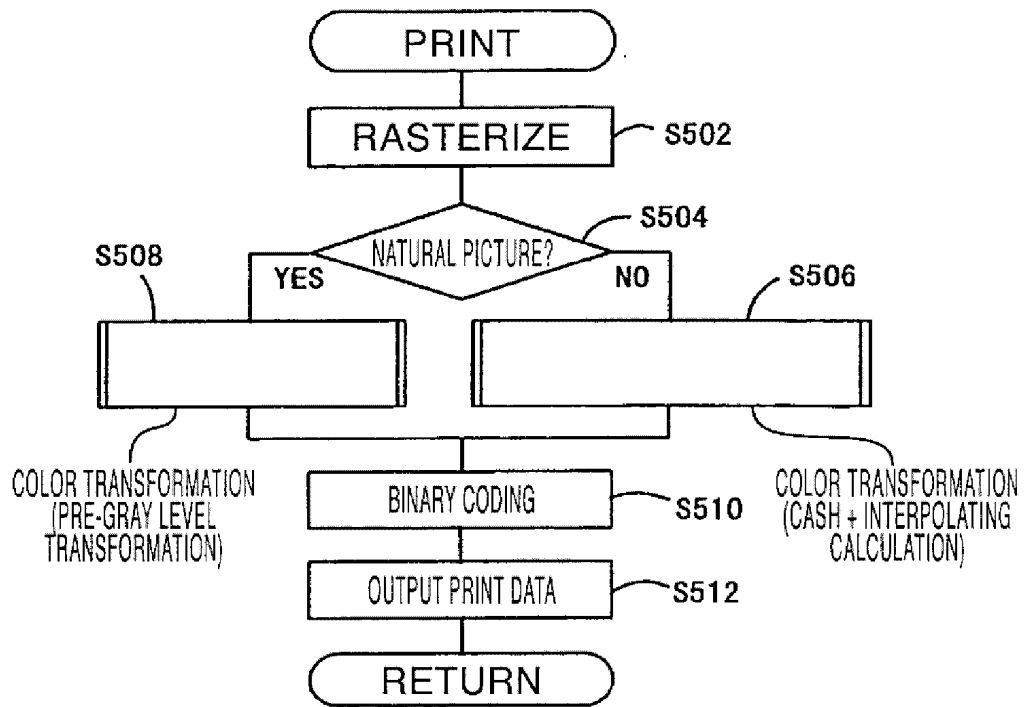


FIG. 43

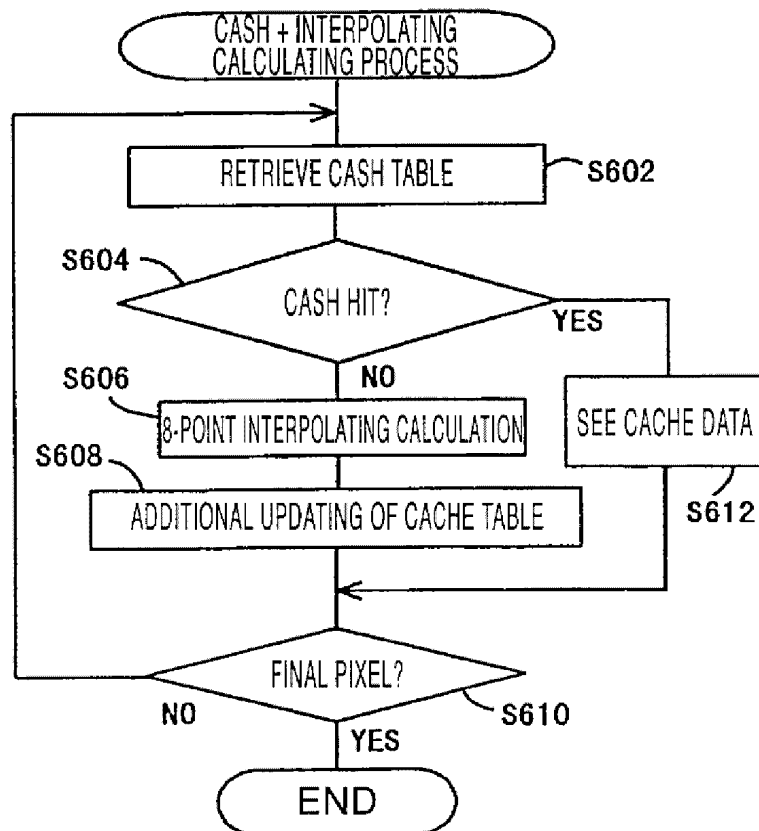
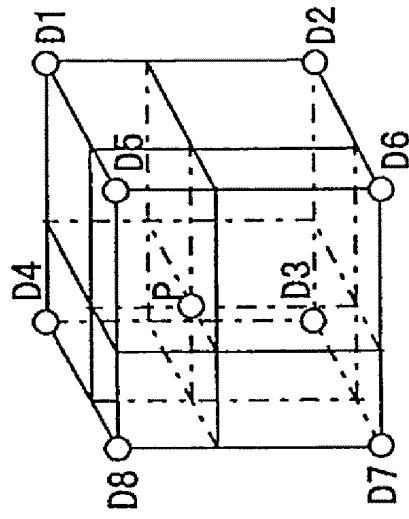
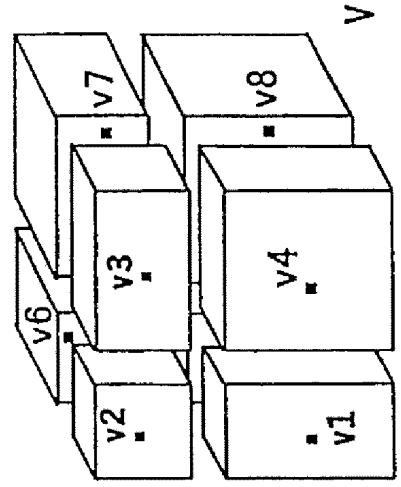


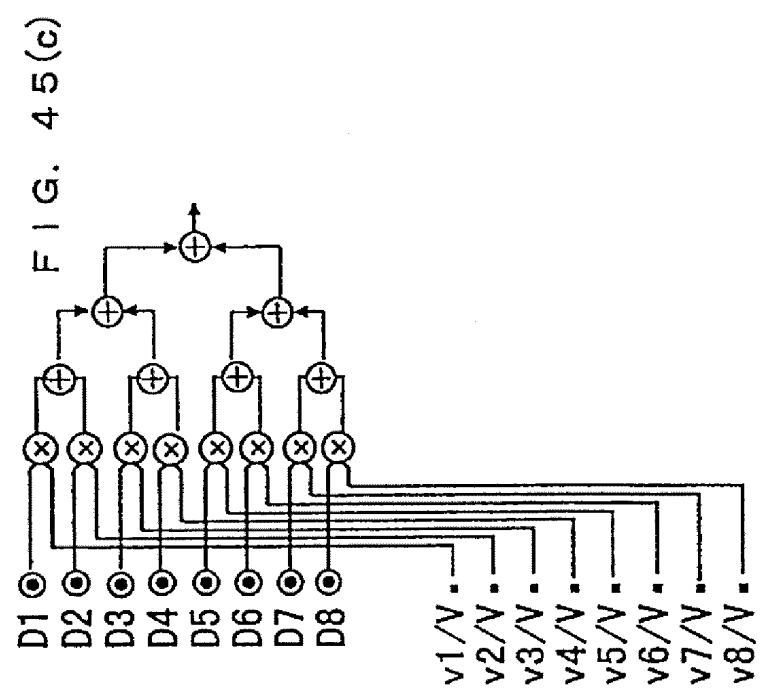
FIG. 44



F I G. 4 5 (a)



F I G. 4 5 (b)



F I G. 4 5 (c)

	R	G	B	C	M	Y	(K)
0							
1							
2							
⋮							
n							

FIG. 46

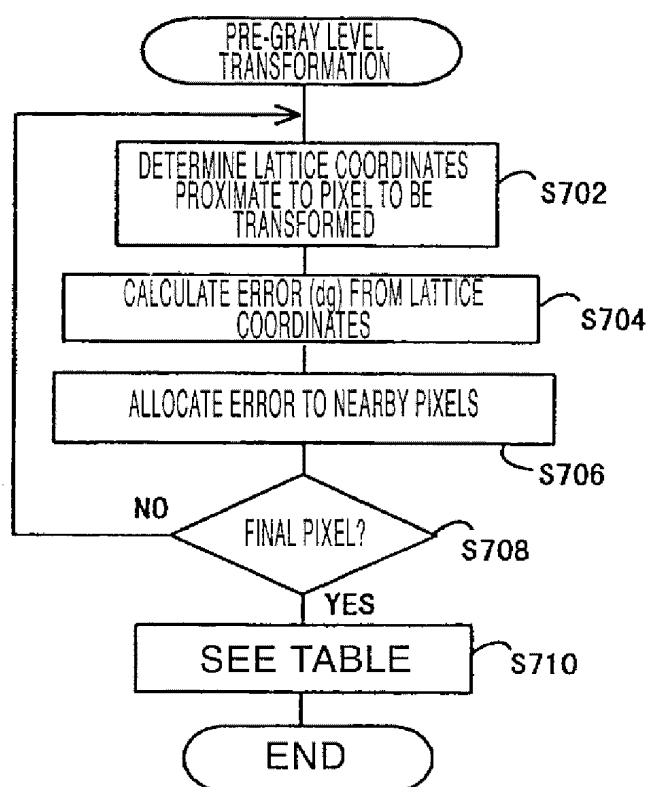


FIG. 47

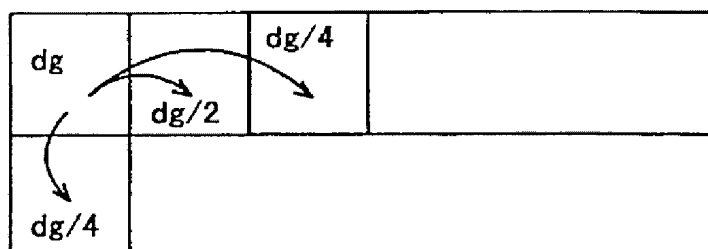


FIG. 48